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UNITED STATES.

REPORTS TO THE SURGEON GENERAL, PUBLIC HEALTH AND MARINE-HOSPITAL SERVICE.

PLAGUE-PREVENTION WORK.

INFECTED GROUND SQUIRREL.

During the week ended January 21, 1911, the finding of 1 plague-infected ground squirrel was reported. The squirrel was found January 15 in Alameda County, Cal., at S. Quigley ranch, 5 miles east of Haywards.

DISTRIBUTION OF POISON.

In connection with the making of a squirrel-free zone around the cities in California on San Francisco Bay, 100 acres of land in Alameda County were covered with poison during the week ended January 21, 1911.

Record of Plague Infection.

Places.	Date of last case of human plague.	Date of last case of rat plague.	Date of last case of squirrel plague.	Total number of rodents found infected since May, 1907.
California:				
Cities—				
San Francisco.....	Jan. 30, 1908.....	Oct. 23, 1908.....	None.....	398 rats.
Oakland.....	Oct. 26, 1909.....	Dec. 1, 1908.....	do.....	126 rats.
Berkeley.....	Aug. 28, 1907.....	None recorded.....	do.....	None.
Los Angeles.....	Aug. 11, 1908.....	None.....	Aug. 21, 1908.....	1 squirrel.
Counties—				
Alameda (exclusive of the city of Oakland). .	Sept. 26, 1909.....	{ Wood rat, Oct. 17, 1909.	{ Jan. 15, 1911.....	{ 90 squirrels. 1 wood rat.
Contra Costa.....	July 21, 1908.....	None.....	Sept. 10, 1910.....	247 squirrels.
Merced.....	None recorded.....	do.....	June 6, 1910.....	2 squirrels.
Monterey.....	do.....	do.....	do.....	4 squirrels.
San Benito.....	June 5, 1910.....	do.....	July 11, 1910.....	20 squirrels.
San Joaquin.....	None recorded.....	do.....	Jan. 9, 1911.....	11 squirrels.
San Luis Obispo.....	do.....	do.....	Jan. 29, 1910.....	1 squirrel.
Santa Clara.....	Aug. 23, 1910.....	do.....	Oct. 5, 1910.....	23 squirrels.
Santa Cruz.....	None recorded.....	do.....	May 17, 1910.....	3 squirrels.
Stanislaus.....	do.....	do.....	May 21, 1910.....	5 squirrels.
Washington:				
Seattle.....	Oct. 30, 1907.....	Feb. 8, 1910.....	None.....	22 rats.

Rats Collected and Examined for Plague Infection.

Places.	Week ended—	Found dead.	Total collected.	Examined.	Found infected.
California:					
Cities—					
Berkeley.....	Jan. 21	.....	1 113	81	.....
Oakland.....	do.....	11	2 650	573	.....
San Francisco.....	do.....	28	3 1,766	1,336	.....
Counties—					
Kern.....	do.....	.....	4 1	1	.....
Los Angeles.....	do.....	.....	5 8	6	.....
San Joaquin.....	do.....	.....	6 3	3	.....
Washington:					
Cities—					
Seattle.....	do.....	.....	911	781	.....
Total.....	.....	39	2,541	2,000	.....

¹ Identified, *Mus norvegicus* 87, *Mus musculus* 26.² Identified, *Mus norvegicus* 582, *Mus ratus* 2, *Mus musculus* 66.³ Identified, *Mus norvegicus* 1,134, *Mus ratus* 210, *Mus musculus* 334, *Mus alexandrinus* 97.⁴ Identified, *Mus musculus* 1.⁵ Identified, *Mus norvegicus* 6, *Mus musculus* 2.⁶ Identified, *Mus norvegicus* 3.

Squirrels Collected and Examined for Plague Infection.

Places.	Week ended—	Trapped and shot.	Found dead.	Examined.	Found infected.
California:					
Counties—					
Alameda.....	Jan 21.....	184	.....	184	1
Fresno.....	do.....	77	.....	77	.....
Kern.....	do.....	13	.....	12	.....
Kings.....	do.....	18	.....	18	.....
Los Angeles.....	do.....	333	.....	311	.....
Mariposa.....	do.....	178	.....	178	.....
Merced.....	do.....	370	.....	367	.....
Monterey.....	do.....	491	5	489	.....
San Joaquin.....	do.....	209	.....	207	.....
San Luis Obispo.....	do.....	376	4	377	.....
San Mateo.....	do.....	38	.....	38	.....
Santa Clara.....	do.....	86	.....	86	.....
Stanislaus.....	do.....	122	2	124	.....
Yolo.....	do.....	4	.....	4	.....
Total.....	.....	1,499	11	2,472	1

Other Animals Collected and Examined.

Places.	Week ended—	Animals collected.	Examined.	Found infected.
California:				
Cities—				
San Francisco.....	Jan 21.....	1 gopher.....	.....	.....
Counties—				
Alameda.....	do.....	3 rabbits.....	3	.....
Fresno.....	do.....	1 chipmunk, 5 rabbits, 1 o.v.l.	7	.....
Kern.....	do.....	3 kangaroo rats.....	3	.....
Mariposa.....	do.....	7 rabbit's.....	7	.....
Merced.....	do.....	4 rabbits.....	4	.....
Monterey.....	do.....	1 chipmunk.....	1	.....
San Joaquin.....	do.....	20 rabbits, 1 gopher.	21	.....
San Luis Obispo.....	do.....	1 chipmunk, 3 rabbits.	4	.....
San Mateo.....	do.....	1 rabbit.....	1	.....
Santa Clara.....	do.....	27 gophers.....	27	.....
Stanislaus.....	do.....	5 rabbits.....	5	.....
Yolo.....	do.....	12 gophers, 6 rabbits.	18	.....
Total.....	.....	.....	102	.....